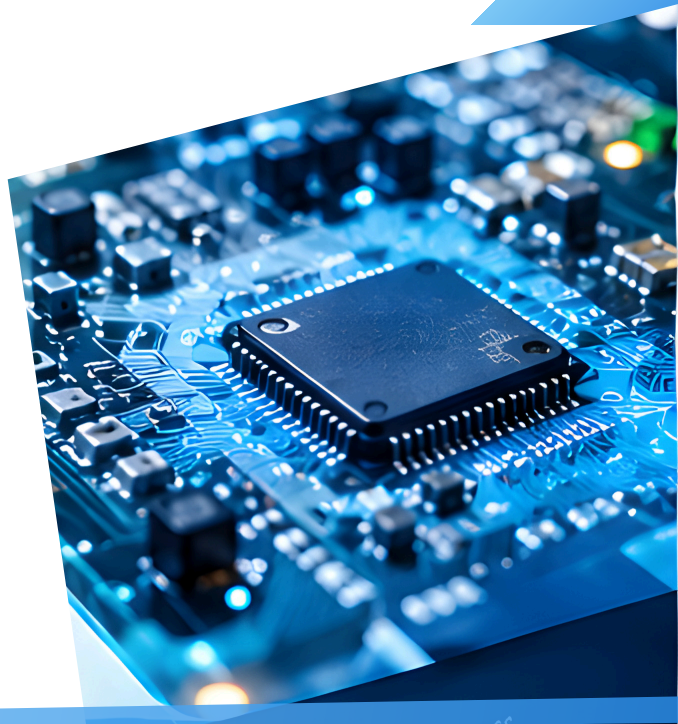
LakSphere
ELECTRONICS
PVT. LTD.

SMARTER SOURCING | STRONGER ENGINEERING
FASTER TO MARKET

YOUR ELECTRONICS REQUIREMENT.
OUR COMPLETE PATH TO PRODUCTION.

A complete electronics solutions partner — from requirement to production — with component sourcing as a major capability.

Idea & Requirement | Engineering & Design | PCB & PCBA | Sourcing & Procurement | Testing & Validation | Production



Trusted by OEMs | EMS Providers | Manufacturers
Engineering Teams | Procurement Teams

Your Success Our Commitment

• OUR CORE SERVICES

End-to-End Support for Your Electronics Journey

From concept to production, we provide integrated solutions across the entire electronics value chain. One partner. Multiple capabilities.

Design Build Deliver





Electronic Components & Global Procurement

- Semiconductor sourcing
- Active & passive components
- Connectors, sensors, relays & power
- Hard-to-find & obsolete components
- BOM sourcing
- Alternative / cross-reference sourcing
- Global supplier sourcing
- Urgent & shortage requirements
- RFQ management
- Supplier qualification & negotiation
- Cost optimization



Electronics & Hardware Development

- Electronics hardware development
- Circuit design
- Power supply development
- Embedded hardware development
- Prototype development
- Product development
- Design-to-production support
- BOM development & optimization



PCB & PCBA

- PCB design
- PCB layout
- PCB fabrication
- Prototype PCB
- PCB assembly / PCBA
- SMT assembly
- THT assembly
- Mixed-technology assembly
- Component procurement for PCBA
- Production & manufacturing coordination



Testing, Validation & Production Support

- Functional testing
- Hardware validation
- Prototype testing
- Production testing support
- EMC/EMI pre-compliance support
- Design verification support
- Manufacturing validation
- Production ramp-up support

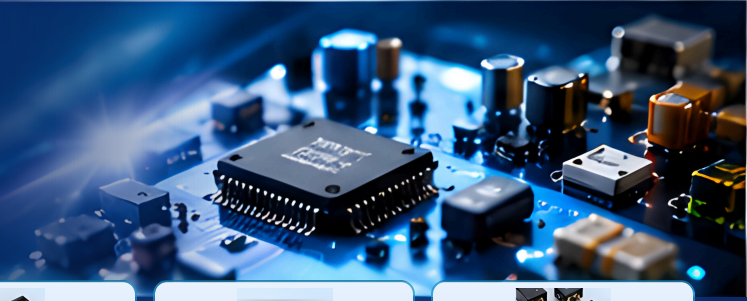
THE COMPLETE FLOW

Requirement → Engineering → PCB Design → BOM → Sourcing → PCB Fabrication → PCBA → Testing & Validation → Production

COMPONENT PORTFOLIO

IF IT'S ON A BOM, WE CAN HELP YOU SOURCE IT.

From the latest technology to hard-to-find and obsolete parts, our global network ensures you get the right components, right when you need them.





01. Semiconductors
MCUs, DSPs, FPGAs, SoC, High-Performance Processors



02. Memory & Storage
DRAM, NAND Flash, SSDs, EEPROM, Memory Cards



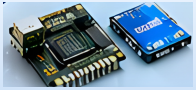
03. Power Semiconductors
MOSFETs, IGBTs, PMICs, Diodes, Voltage Regulators



04. Discrete Semiconductors
Transistors, Diodes & Rectifiers, Thyristors, Varistors, Small Signal



05. Sensors & Optoelectronics
Temperature, Pressure, MEMS, Optical Sensors, LEDs & Displays, Photodetectors



06. RF (Radio Frequency)
RF ICs, Filters, Antennas



07. Clock
Crystals, Oscillators, Clock Buffers



08. Logic
Logic Gates, Flip-Flops, Shift Registers



09. Passive
Capacitors (MLCC), Resistors, Inductors



10. Connectors
Board-to-board, Wire-to-board, I/O Connectors



11. Electromechanical
Switches, Relays, Encoders, Solenoids



12. Protection
TVS Diodes, Fuses, Varistors, Gas Discharge Tubes



13. Thermal
Heat Sinks, Thermal Pads, Thermoelectric Coolers



14. Display
LCD, OLED, TFT, Display Modules

Every Component. Every Possibility.

GLOBAL SOURCING & PROCUREMENT

WHEN SUPPLY GETS DIFFICULT, WE GO FURTHER.

Our global network and procurement expertise ensure continuity, cost efficiency and the right components — even for the most challenging requirements.



15 SPECIALIZED SOURCING (15)

- **15.1** Hard-to-Find Components
- **15.2** Obsolescence Management
- **15.3** EOL (End-of-Life) Strategy

16 PROCUREMENT SUPPORT (16)

- **16.1** Vendor Auditing & Vetting
- **16.2** Contract Negotiation
- **16.3** Order Fulfillment & Tracking

17 MANUFACTURER & BRAND SOURCING (17)

- **17.1** Broadline Distribution
- **17.2** Direct-from-Factory
- **17.3** Tier 1 Brand Partnership

OUR TRUSTED MANUFACTURER DIRECTORY

Analog Devices	**AMD**	**Intel**	**Texas Instruments**	**STMicroelectronics**
NXP	**Infineon**	**Vishay**	**Renesas**	**Cypress**
Diodes Inc.	**Littelfuse**	**Microchip**		

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RFQ / SOURCING REQUEST

MPN (Manufacturer Part Number)

Quantity

Target Price (Optional)

SEND US YOUR RFQ →

MPN • Quantity • Target Price
Let's find the right sourcing path.

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Let's Build Something Great Together